

COOLIT1000® 7,500 BTU Portable Air Conditioner



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Instructions for Installation, Operation & Maintenance

The Coolest Site on the Web®
airpacinc.com

UNIT WARRANTY

AirPac warrants to its authorized distributor, each new COOLIT¹⁰⁰⁰ to be free from defects in material and workmanship for a period of one (1) year from date of purchase.

Limitations: This warranty shall not apply to nor include any of the following:

1. Any repair or replacement required as a result of accident, misuse, lack of proper maintenance, incorrect wiring, repairs improperly performed or replacements improperly installed by any person, or use of a replacement part or accessory not conforming to specifications of AirPac.
2. Any repair or replacement required as a result of normal wear and tear.
3. Any consequential, incidental, special, or exemplary damages.
4. Replacement of belts, pulleys, and filters.
5. Any unit which has its serial numbers altered, defaced or removed.

The sole obligation of AirPac under this warranty will be to furnish, without charge, a replacement part for a defective part. This warranty does not include installation, transportation, or postage costs associated with installing the replacement part.

In order for this warranty to become effective, the warranty registration card, delivered with the unit, must be completed and returned to AirPac within 30 days of purchase and delivery. Any claim under this warranty should be first presented to and processed by the authorized distributor from whom the equipment was purchased.

To the extent permitted by law, this warranty is expressly in lieu of any other warranties, either expressed or implied, made by AirPac, Incorporated. AirPac assumes no liability in any event for lost profits, or any consequential damages of any kind arising from breach of this warranty.

IMPORTANT — READ BEFORE YOU PROCEED

When you receive your COOLIT¹⁰⁰⁰ shipment unpack the unit box by slipping the bands off the box — do not cut the bands.

**KEEP ALL ORIGINAL PACKAGING MATERIAL.
ORIGINAL PACKAGING MATERIAL IS REQUIRED
WHEN RETURNING ANY UNIT DAMAGED IN SHIPPING.**

Inspect all shipping cartons for visible shipping damage. You must document damage with the shipper. Call your COOLIT¹⁰⁰⁰ Dealer immediately to report shipping damage. Your COOLIT¹⁰⁰⁰ Dealer will advise you how to proceed with the shipping claim.

FORWARD

Thank you for purchasing the AirPac COOLIT¹⁰⁰⁰ portable air conditioner.

This manual describes the unit features and explains how to set-up and operate the COOLIT¹⁰⁰⁰. Preventative maintenance procedures are outlined and a trouble-shooting guide is provided for your reference. Please read this operation manual thoroughly to familiarize yourself with the features of the unit and to ensure years of trouble-free operation.

We would like to ensure your satisfaction with the COOLIT family of products. If you have questions or require additional information please do not hesitate to contact our factory personnel at 888-324-7722.

WE WANT TO HEAR FROM YOU

If you have comments or suggestions on how to improve this COOLIT manual please let us know. Our most important source of information for product improvement is from our customer base. We count on you to continually challenge us at AirPac to build a better air conditioner. Please give us a call, 888-324-7722 or email us, coolit@airpacinc.com.

AirPac's marketing department would love to hear just what you are cooling with your COOLIT¹⁰⁰⁰. Send us a short narrative and a picture and we just may publish your story on AirPac's web site.

WARNING:

Describes precautions that should be observed in order to prevent injury to the user during installation

CAUTION:

Describes precautions that should be observed in order to prevent damage to the unit or its components, which may occur during installation or unit operation if proper care is not exercised.

NOTE:

Provides additional information that facilitates unit operation.

TROUBLE SHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
Unit making noise	Unit is not level.	Make sure operating surface is level.
	Water draining into tank.	This is normal.
The exhaust hose is broken	Sometimes the hose comes in 2 different pieces.	Extend the last thread on each piece of hose, thread right on top of the other until they are both tight and come together to form one whole piece.
There is a black plug right above the condensate tank	The plug belongs there during normal operation.	Remove plug to drain water before storage or transport of unit.
Unit is making noise at the evaporator fan.	The fan may be hitting the foam housing.	Unit requires repair or replacement
Unit is making noise at the condenser fan.	The fan may be hitting the foam housing.	Unit requires repair or replacement.
Unit is making noise above the condensate tank.	The coil in the flash pan is hitting the unit.	When the unit is cooled down, remove the flash pan by removing the 5 screws that hold the flash pan. Pull the coil away from the unit. Replace the flash pan with the 5 screws.
LED window displays number that is not between 60° and 90° F.	Faulty control board.	Board needs to be replaced.
Unit works but is not cooling the room enough.	The BTU load in the room is greater than 7,500 BTU.	Need more cooling. Add another COOLIT.

TROUBLE SHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
Unit does not work	Unit not plugged in.	Plug in power cord.
	Main power off.	Check fuse or circuit breaker.
	Water tank full.	Empty water tank.
Poor cooling performance	Wrong function mode selected.	Set in correct function mode.
	Condenser air exhaust or intake blocked.	Clear all objects from air grills, move away from wall.
Unit operates but is not cooling	Compressor has not yet started.	Wait 3 minutes for time delay to elapse.
	Temperature selection incorrectly set.	Decrease temperature setting.
Compressor stops running after a short time	Voltage is insufficient.	Correct input power.
	Unit is plugged into an extension cord.	Remove extension cord.
Unit operates with no switches or lights functioning.	Unit has been turned on/off repeatedly from the control panel.	Turn unit off, remove plug from outlet. Re-start after 3 minutes.
Compressor runs when unit set on fan mode.	Temporary malfunction with internal circuitry memory.	Turn off unit at I/O control. Restart unit and immediately change to fan mode.
Water is leaking	Drain tube clogged.	Remove blockage.
	Water tank improperly seated.	Reposition tank.
	Damaged water tank.	Replace tank.
Unit unexpectedly stops operating	Water tank is full.	Empty the tank.
	Power failure.	Check plug and fuses.

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INTRODUCTION

The versatility of the COOLIT1000 makes it adaptable for cooling various applications. The COOLIT1000 is designed to automatically adjust room temperature, reduce moisture and filter room air.

The COOLIT1000 is manufactured with quality materials and is designed to give you many years of reliable, trouble-free service. The COOLIT1000 features:

- * Convenient touch-pad electronic operation panel
- * Digital display panel
- * Functional buttons and indicators, starting and stopping operation, selecting mode of operation, fan speed and temperature
- * Automatic shut-off timer
- * Automatic swing louvers for even air distribution
- * High efficiency, quiet rotary compressor
- * Rear air intake and discharge vents

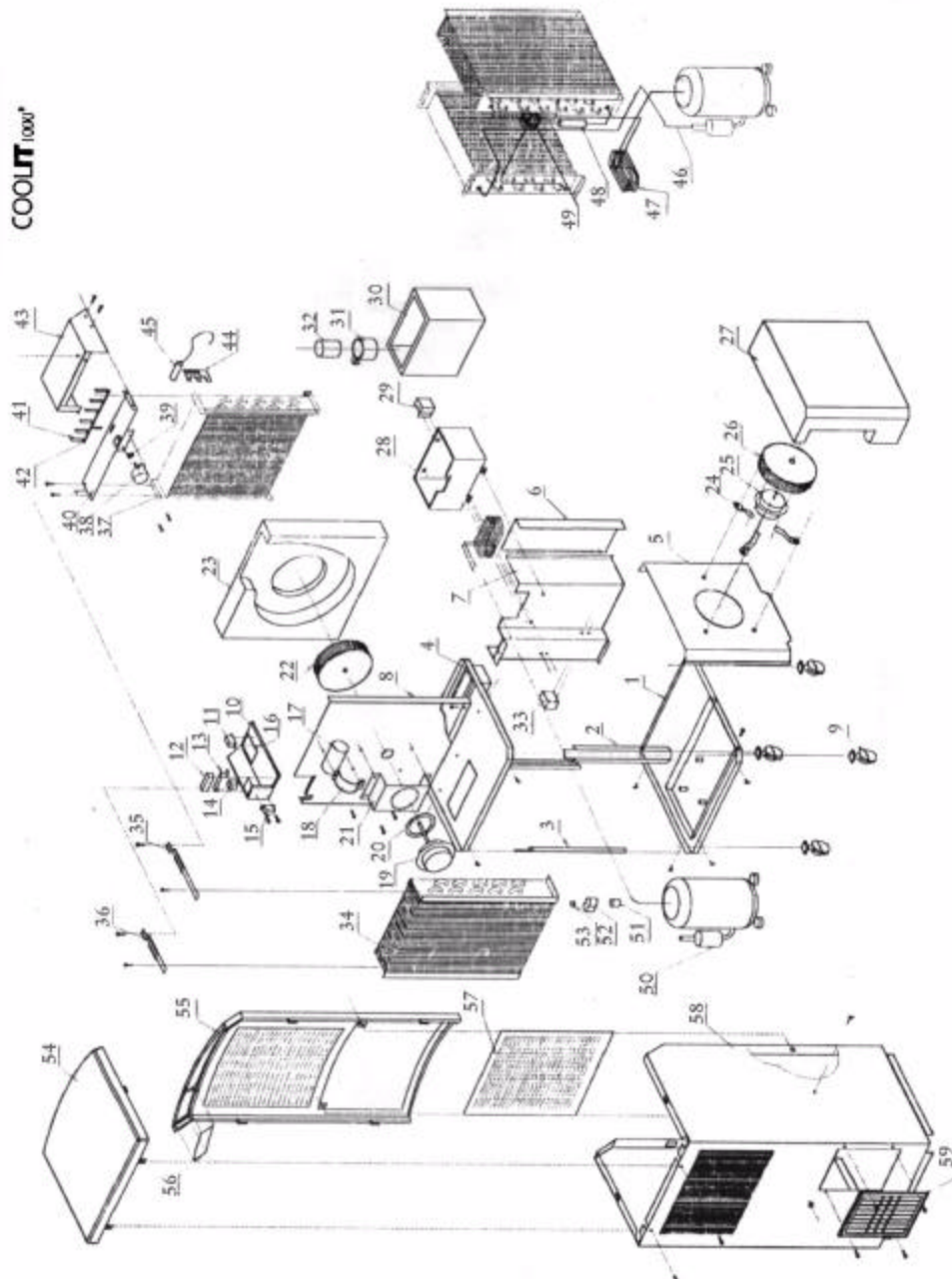
Before installing and operating your COOLIT1000, please read the instructions carefully to ensure maximum benefit from your portable air conditioner.

PARTS LISTING

#	PART NAME
1	Base Pan
2	Holder 1
3	Holder 2
4	Drain Pan
5	Condenser Fan Motor Support
6	Short Plant
7	Long Plate
8	Evaporator Fan Motor Support
9	Caster
10	Control Board
11	Evaporator Fan Capacitor
12	Terminal Block
13	Terminal Block Holder
14	Transformer
15	Condenser Fan Capacitor
16	Relay Board
17	Compressor Capacitor
18	Compressor Capacitor Holder
19	Evaporator Fan Motor
20	Motor Connection Plate
21	Motor Mounting
22	Evaporator Fan
23	Evaporator Fan Shroud
24	Motor Connection Belt
25	Condenser Fan Belt
26	Condenser Fan
27	Condenser Fan Shroud
28	Condensate Tank
29	Microswitch Water Overflow
30	Water Container

#	PART NAME
31	Float Case
32	Float Body
33	Microswitch Water Container
34	Condenser
35	Connecting Rod 1
36	Connecting Rod 2
37	Evaporator
38	Louver Motor
39	Eccentric Wheel
40	Evaporator Rear Plate
41	Grille Vertical
42	Connecting Rod
43	Air Outlet Frame
44	Senser Holder
45	Ambient Sensor
46	Pipe Assembly
47	Cooling Coil Pipe
48	Filter
49	Capillary Tube
50	Compressor
51	Overload Protector
52	Overload Protector Cover
53	Nut
54	Top Cover
55	Front Cover
56	Operation Panel
57	Air Filter
58	Cabinet
59	Vent Grille

PARTS DIAGRAM

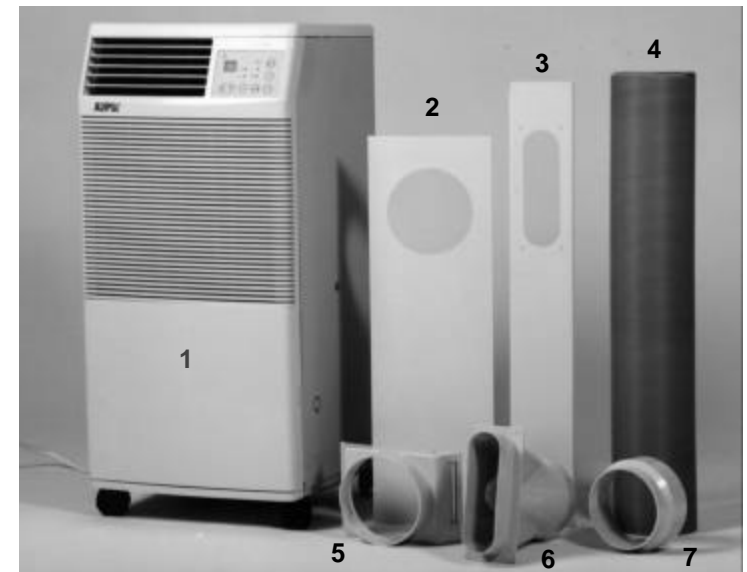


EQUIPMENT CHECK LIST

The first step in preparing the COOLIT1000 for installation is to run through this check list to ensure you have all the pieces necessary for your installation.

Your shipment consists of two boxes:

1. COOLIT1000 Unit Box contains:
COOLIT1000 (Item 1)
2. COOLIT1000 Accessory Box contains:
Ceiling Adapter (Item 2)
Adjustable Window Panel Adapter (Item 3)
8.5' x 5" Exhaust Duct (Item 4)
Duct Base Flange (Item 5)
Window Duct Flange (Item 6)
Holder Flange (Item 7)
Bag of Fasteners (not pictured)
ADAPT Thermometer (not pictured)
COOLIT1000 Operation Manual (not pictured)
COOLIT1000 Warranty Card (not pictured)



INSPECTION OF EQUIPMENT

All COOLIT1000 units are shipped in sturdy packaging reinforced with foam panels and covered with cardboard cartons. The accessory items for the standard exhaust kit are shipped in a separate box at the same time the unit is shipped. Both boxes should arrive together but there is a possibility that the packages will be separated in shipping. Your complete shipment consists of two pieces; the unit and a box of accessory items for the standard exhaust kit.

Upon receipt of the unit and accessory items for the exhaust ducting kit, inspect it for any visible or concealed damage. Report any damage to your local AirPac distributor so a damage claim can be processed. It is very important to keep all packaging for inspection by the shipper. **DO NOT OPERATE UNIT.**

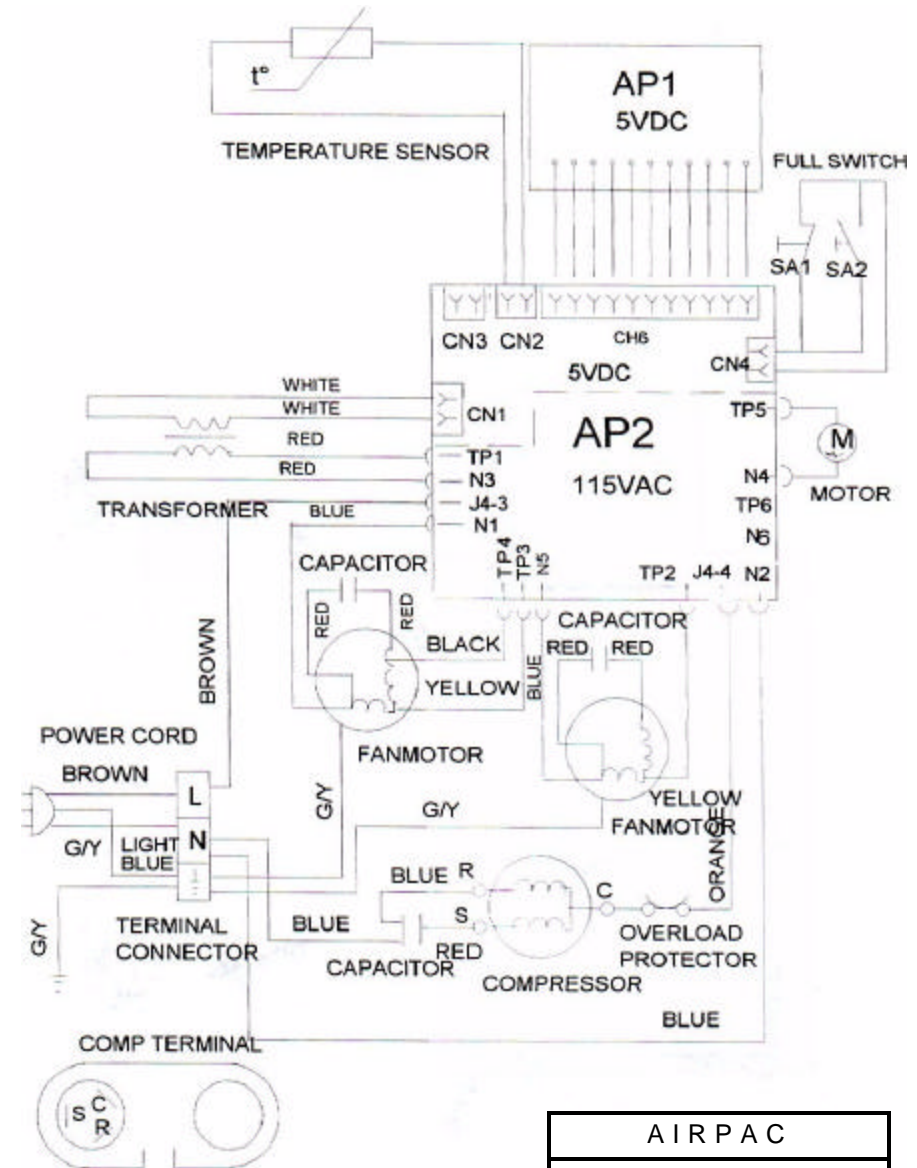
CAUTION:

If you have shipping damage keep all packaging for inspection by the shipper. If equipment requires return to your AirPac distributor a Call Tag will be issued and pick up will be arranged by the AirPac Distributor. **DO NOT OPERATE UNIT.**

SAFETY PRECAUTIONS

The instructions stated in this booklet are written for the user's safety and must be followed closely. Use of this unit in any other manner may create a hazard for the user and others nearby. Failure to follow these instructions may damage unit and void the warranty.

WIRING DIAGRAM



AIRPAC

Description: COOLIT1000

PART#: DIA-201

DATE: 04/01/99

APPROVED BY: MJS

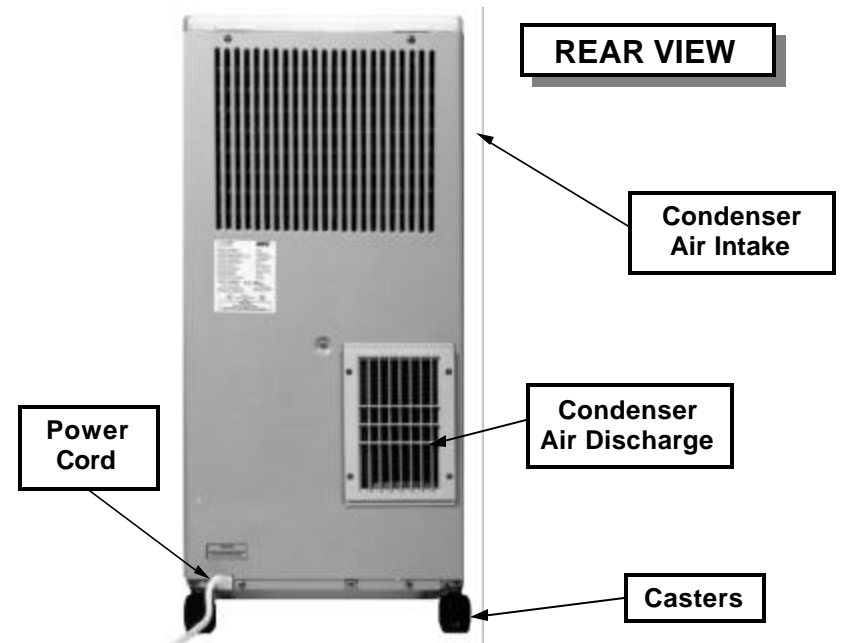
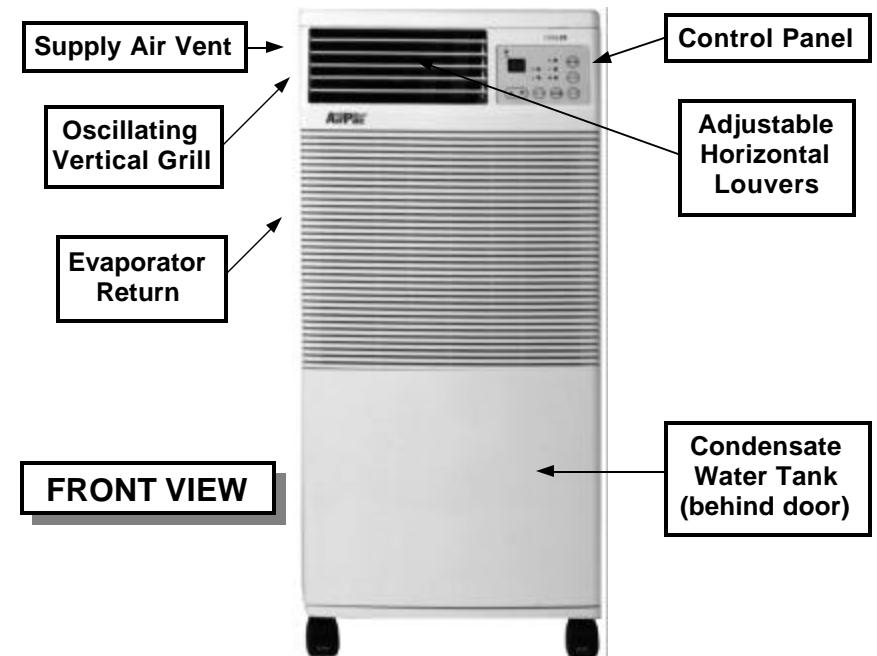
UNIT SPECIFICATIONS

COOLIT1000 Technical Specifications	
Cooling Capacity	7,500 BTU/h
Power Source	115 V 60 HZ
Rated Current	8.5 Amps
Power Input	950 Watts
Compressor Type	Rotary
Air Flow	100 Low / 180 Hi CFM
Dehumidifier Value	.26 gal/hour
Sound Level	52 dB
Physical Dimensions	14"W x 14.5"D x 29.7"H
Net Weight	80 lbs
Shipping Weight	88 lbs



COOLIT1000 cooling a small LAN and Telecommunications closet.

UNIT OVERVIEW



PREPARING UNIT FOR OPERATION

Your new COOLIT1000 unit has passed a *double* quality assurance program; once before leaving the factory and again before leaving the regional warehouse. If you find shipping damage please contact the point of purchase immediately. **DO NOT OPERATE THE UNIT.**

IMPORTANT: After unpacking your unit and inspecting to ensure unit is in good condition, place unit upright for a minimum of two hours before operating. Otherwise you may damage the unit and void your warranty. To further prepare the unit for operation proceed as follows:

START UP PROCEDURE

CAUTION:

The unit is designed for indoor use only. For the cooling mode the temperature range for operation is 60° F to 90° F.

1. Unpack COOLIT1000 and COOLIT Accessory Box.

Unpack and inspect the unit and items in the accessory box to ensure unit and all parts are in good condition.

2. Place COOLIT1000 unit upright.

Keep unit in upright position for a minimum of two hours before operating.

3. Place the unit on a flat, solid surface.

Operation on uneven surfaces may cause vibration, noise and possible water leakage from condensate tank.

4. Check that the condensate water tank is in place and properly seated.

If the condensate tank is not installed properly the unit will not operate. The unit will automatically turn off when the tank is full.

5. Check that all air filters are clean and properly installed.

To maintain efficiency and avoid damage to the unit, never operate the unit without the air filters installed in the proper direction. Filter should be installed with "front" mark facing outwards.

UNIT MAINTENANCE

Your COOLIT1000 is designed for easy maintenance. Performing routine preventive maintenance will ensure you enjoy years of trouble-free operation and keep your unit running at peak efficiency.

Before any maintenance make sure the unit has stopped running and unplug the unit from the electrical outlet.

Air Filter

The air filter will accumulate dust and dirt when operating in the cooling and dehumidifying functions. It is important to keep the filter clean so the air flow is not restricted and cooling is optimized. To clean filter:

1. Open the condensate water tank door and remove filter by pulling down, see figure at right.
2. Clean with vacuum cleaner or wash with a neutral detergent and warm water. Air dry filter.
3. Reinsert the filter with the "FRONT" mark on the filter facing outwards.



COOLIT1000 Filter

Cabinet Maintenance

To clean the surface of the cabinet use warm water and a neutral, non-abrasive detergent. Ensure all detergent is wiped from the surface and rinse with clear water so there is no detergent residue on the cabinet.

CAUTION:

DO NOT clean the surface with thinners, alcohol, polishing powder, alkaline detergent, acid or an abrasive brush. Using these items could scratch and damage the cabinet.

Condensate Water Tank

The interior of the tank should be cleaned to avoid growth of mold and mildew. Flush the tank with a solution of warm water and mild detergent.

Remove the black plug from the left drain tube to drain the condensate around the base of the evaporator coil before transporting or storing the COOLIT1000. Replace plug into the left drain tube before operating unit.

CONDENSATE PUMP KIT - Optional Accessory

6. Read instructions packed with the pump for piping the discharge line.
7. The pump supplied with your COOLIT1000 unit may have two wires coming from the top of the pump. *These wires are low voltage safety switch leads and are not used for normal operation of your COOLIT1000.* If you would like to use the safety switch leads for connecting to an alarm you must consult the instructions supplied with the condensate pump kit.
8. Place the pump behind the COOLIT1000 unit. Be sure that neither hose is crimped.
9. Plug in the COOLIT1000 and the condensate pump.
10. Test the pump operation. Make sure there is power to the COOLIT1000 and the condensate pump. Fill the reservoir with water and when the water reaches the full level the impeller will activate and the water will be pumped from the reservoir into the condensate drain line tubing.

To remove condensate pump option reverse the above instructions.

NOTE:

Read and follow all instructions enclosed with the pump before operating the unit. For maintenance tips refer to the pump instructions.

PREPARING UNIT FOR OPERATION

6. Plug COOLIT1000 unit into wall outlet.

Plug unit into wall outlet. Do not plug COOLIT1000 into extension cord, surge protector, or uninterruptable power supply. You will hear the unit beep and two red dashes (- -) will be displayed in the LED window on the control panel.

7. Turn the COOLIT 1000 unit on.

To turn the unit on press the I/O button on the control panel. The unit will blow air from the front grills to the left of the control panel. The condenser air is discharged through the exhaust grill located on the back of the unit. There is also an indicator light that shows the mode and speed. In the LED display window on the control panel you will see a two digit number which indicates the room temperature — the room temperature reading will take several minutes to adjust and reflect a true reading.

8. Set the desired function mode and fan speed.

You may select from three different modes of operation by pushing the function mode button; cool, dehumidify, and fan. The indicator light next to the appropriate symbol will illuminate when that function is selected. Once your desired function mode is selected (cool, dehumidify or fan), the fan speed is set by pushing the fan speed button. The light next to the selected function symbol will be red which indicates high fan speed. Push the fan speed button again, a green light indicates low fan speed. High fan speed is not available in dehumidifying mode, only low fan speed is available.

9. Set the desired temperature.

To set the temperature you must press the timer/thermometer button until the green indicator light for the thermometer is blinking. Adjust your desired temperature set point by pressing the up and down arrows. Once the desired temperature is set (range is from 60°F to 90°F) wait until the thermometer indicator stops blinking and the room temperature is displayed in the LED window, or you may press the timer/thermometer button twice to return to the standard room temperature display.

10. Set the timer (OPTIONAL).

You may set the timer, which controls the operation of the COOLIT1000, for from 1 to 12 hours in one hour increments. The

PREPARING UNIT FOR OPERATION

COOLIT1000 will shut off after the unit has been operating for the designated number of hours on the timer. To set the timer press the timer/thermometer button twice until the timer indicator light is flashing green. Press the up and down arrow buttons to select the desired number of hours (from 1—12 hours). Once you have set the desired time wait until the timer indicator stops blinking and the standard display of the room temperature will be in the LED window on the control panel, or you may press the timer/thermometer button once to return to the standard display. When your timer is set the timer indicator light will be steady green.

11. Set up the condensate pump (OPTIONAL).

To install the condensate pump for continual automatic removal of condensate refer to the Condensate Pump Kit instructions on page 21 of this manual.

12. Shut off the COOLIT1000.

To shut down the COOLIT1000 just press the I/O button and the unit will shut off. Since the unit is still plugged into the wall outlet there will be two red dashes (- -) displayed in the LED window on the control panel. This is normal and indicates that there is power to your unit.

WARNING:

To reduce risk of fire or electric shock do not expose unit to rain or moisture. Do not open cabinet while unit is connected to a power source. Dangerous voltage is present. Have repairs performed by certified HVAC technicians.

CONDENSATE PUMP KIT - Optional Accessory

This pump kit is an optional accessory for the COOLIT1000. The condensate pump kit is useful when the COOLIT1000 must be operated continuously and the condensate tank cannot be emptied and a gravity drain line is impractical. Follow the easy steps for installing and using the Condensate Pump Kit, part number CPKIT-1000.

1. Turn off the unit and unplug from wall outlet.
2. Remove the condensate water tank located behind the bottom front panel, see figure at right.
3. Locate the tank microswitch in the water tank compartment. (The bottom switch). Carefully remove the the slip-on quick connector from the 2nd terminal on the switch and place the slip-on quick connect on the 1st terminal position.



4. Push out the knockout on the right side of the water tank compartment by turning the knockout back and forth. Cut a 36" piece of the 3/8" ID vinyl tubing (25' included in condensate pump box) and feed the tube through the knockout hole and push onto the drain connection of the unit. Make sure you connect to the right drain connection and not the plugged left connection. Do not remove the plug from the left drain tube. This is for draining the unit for shipping and storage.

Condensate Tank

NOTE:

DO NOT remove the black plug from the left drain tube when operating the COOLIT1000. This plug maintains a set water level around the bottom of the evaporator coil. Remove the plug to drain the water when you need to transport/ship your COOLIT1000 or if you will be storing your unit for an extended period of time.

5. Place the other end of the tube into condensate pump - the large hole. Attach additional 3/8" ID vinyl tubing of the appropriate length to the discharge adapter (barbed connector) of the condensate pump. You may require more tubing than what is supplied with the condensate pump. You can either attach the new section of tubing to the supplied tubing with a coupler or purchase a new section of tubing to fit the required length of your condensate drain line.

UNIT OPERATION

Condensate Removal

During cooling and dehumidifying operations the condensate will flow into the water tank. The condensate can be removed from the tank by manually emptying the tank, gravity drain or with a condensate pump.

Manual Tank Draining

1. The tank full indicator will flash and you will hear a beeping alarm.
2. Compressor will stop and alarm will sound for approximately one (1) minute. The fan in the unit will continue to run and condensate from the evaporator coil will continue to flow into the condensate tank. Allow fan to run for about an additional three (3) minutes to dry out the moisture in the evaporator coil.
3. Open the water tank door, remove the tank and empty the water. The alarm will sound indicating the tank is not installed properly.
4. When you go to replace the tank in the unit you may find some water on the bottom base pan, this is from the condensate that continued to drain off of the evaporator coil. To properly maintain your unit and keep it clean, be sure to wipe up any water that may have drained off of the evaporator coil before replacing the condensate tank in the unit. When the tank is properly positioned the tank full indicator light/alarm will stop flashing.

Gravity Drain

1. Knock out hole on lower right side of cabinet.
2. Attach 3/8" ID vinyl tubing (not provided) to drain pipe, where water drains from the unit into the tank, and install tubing through the hole in cabinet. Drain tubing must be angled downward so water flows properly into floor drain or condensate line below level of the unit.

Optional Condensate Pump Method

If it is necessary to operate the COOLIT1000 continually without threat of automatic shut-off and loss of cooling when tank is full then you will need to install the optional condensate pump. Refer to Condensate Pump Section.

EXHAUST KIT INSTALLATION

Warm air exhausts from the rear of the unit when operating in cooling mode as an air conditioner. The COOLIT1000 will cool more efficiently if the warm air is removed from the area using the specially designed ducting kit.

The exhaust kit is standard with the COOLIT1000. The kit is easy to assemble and is typically used to duct exhaust (condenser) air out through a window or into the ceiling plenum. Instructions for these two types of installations are detailed in this section.

The Exhaust Kit is packaged in a separate box from the COOLIT1000 unit. It consists of:

- Ceiling Adapter (Item 1)
- Adjustable Window Panel Adapter (Item 2)
- 8.5' x 5" Exhaust Duct (Item 3)
- Duct Base Flange (Item 4)
- Window Duct Flange (Item 5)
- Holder Flange (Item 6)
- Bag of Fasteners (not pictured)
- ADAPT Thermometer (not pictured)
- COOLIT1000 Operation Manual (not pictured)
- COOLIT1000 Warranty Card (not pictured)



COOLIT1000 Exhaust Duct Kit

Follow these step-by-step instructions for installing the exhaust kit into a plenum ceiling.

1. For this installation you will need the large plastic CEILING ADAPTER, the HOLDER FLANGE, the EXHAUST DUCT and the DUCT BASE FLANGE from the COOLIT1000 accessory box. This panel will fit into the ceiling grid once you move the existing ceiling tile to one side to accommodate the CEILING ADAPTER.
2. Insert about six inches (6") of one end of the EXHAUST DUCT into the round hole in the CEILING ADAPTER. Extend the 6" and screw the HOLDER FLANGE onto the EXHAUST DUCT, shown in figure at right.
3. Move the ceiling tile out of the grid by pushing up on one end and sliding it back

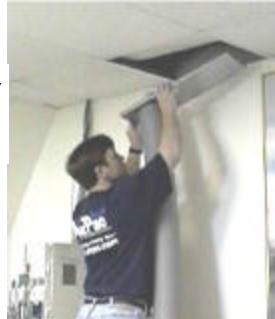


Holder Flange.

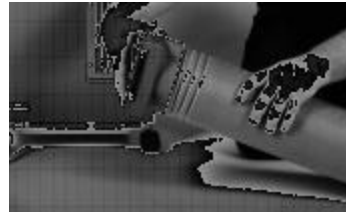
EXHAUST KIT INSTALLATION

10—12 inches. Put the CEILING ADAPTER into the ceiling tile grid. Make sure the CEILING ADAPTER is positioned properly in the ceiling grid and cannot fall out. There should be at least 12—15" of open space above the CEILING ADAPTER outlet so exhaust air is not blocked. For permanent installation cut 5" off of the ceiling tile so the tile will lay back in the grid. For temporary installations simply slide the ceiling tile tight against the CEILING ADAPTER so when the COOLIT1000 and CEILING ADAPTER are no longer in use you can simply move the ceiling tile back into place, as shown in figure below.

Place Ceiling Adapter into the ceiling grid.



4. Screw the other end of the EXHAUST DUCT into the DUCT BASE FLANGE as shown in the figure at right.
5. Place the DUCT BASE FLANGE onto the back of the unit by aligning the base beside the unit exhaust opening and simply slide the DUCT BASE FLANGE into place, as shown in the figure below.



Duct Base Flange connection.



Connecting Duct Base Flange to the back of the condenser air discharge grill of the COOLIT1000.

UNIT OPERATION

The temperature displayed in the LED window on the control panel is the current room temperature, not the set temperature you just selected. The compressor will cycle on and off to maintain the temperature you selected.

4. Press the fan symbol on the control panel to select the desired fan speed. At the high speed setting, a red light will be illuminated and at the low speed the light will be green.
5. Press the on/off button to turn the unit off.

Dehumidifying Function

The dehumidifying mode of operation does not need the exhaust duct required by the cooling mode.

1. Press the power on/off button to turn the unit on. The cooling indicator light will be red.
2. Press the operation mode button one time to select the dehumidifying mode of operation.
3. The dehumidifying indicator will show a green light, which indicates that the unit is in dehumidifying mode on low fan speed. High fan speed is not available in dehumidifying mode.
4. Press the on/off button to turn the unit off.

Fan Function

The fan mode of operation does not need the exhaust duct required by the cooling mode.

1. Press the power on/off button to turn the unit on. The cooling indicator light will be red.
2. Press the operation mode button two times to choose the fan mode of operation.
3. Press the fan speed button to select the desired fan speed. If the high speed is selected, the fan indicator light will be red. If the low fan speed is selected the fan indicator shows a green light.
4. Press the on/off button to turn the unit off.

UNIT OPERATION

Power Requirements

The COOLIT1000 has a NEMA 5-15 plug and operates on 115 Volts, 60 cycle electrical outlet. Do not bend the metal prongs on the plug. If your cord or outlet becomes warm or hot and/or the fuse blows or the breaker switch trips, this may be an indication of an overload on the electrical circuit. If this occurs, turn off the COOLIT1000 immediately at the control panel and plug the unit into another circuit if available.

WARNING:

Never use the electrical power cord to start and stop operation of the unit. When removing the plug, grasp the plug itself. Do not pull the plug from the outlet by the cord.

CAUTION:

An extension cord rated at least 20 amps at 115 volts and with grounding type attachment plug, and grounding type connector (load fitting) may be used.

Before operating the COOLIT1000 be sure the unit is plugged into a standard NEMA 5-15 receptacle. When the unit is plugged in you will hear a beep, indicating that there is power to the unit. You will also see two red dashes (- -) displayed in the LED window on the control panel. You are now ready to operate your COOLIT1000.

Cooling Function

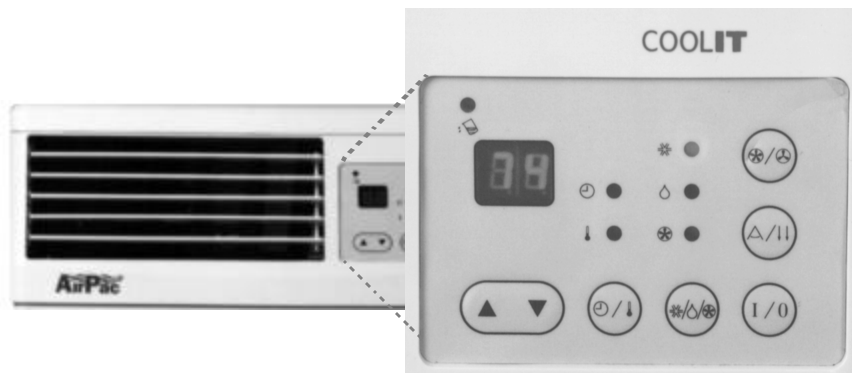
1. Press the power on/off button to turn the unit on. The cooling indicator light will be red which indicates you are in cooling mode and the fan is on high speed.
2. To set your desired room temperature, press the timer/thermometer mode button once. The thermometer indicator light will blink green and you will see the default temperature of 77°F. Adjust the temperature setting by pressing the up arrow for a warmer setting or the down arrow for a cooler setting. The temperature range is from 60°F - 90°F.
3. Once you set the desired temperature simply wait until the thermometer indicator stops blinking or you can press the timer/thermometer mode button two times to return to standby mode.

EXHAUST KIT INSTALLATION

Follow these step-by-step instructions for installing the exhaust kit through a standard window.

1. Remove the two plastic panels that make up the adjustable WINDOW PANEL ADAPTER, the HOLDER FLANGE, the EXHAUST DUCT, and the WINDOW DUCT FLANGE from the COOLIT1000 accessory box.
2. Extend six inches (6") of one end of the EXHAUST DUCT and screw the HOLDER FLANGE onto the EXHAUST DUCT, as shown on page 13. Put the WINDOW DUCT FLANGE onto the HOLDER FLANGE that you just screwed onto the EXHAUST DUCT.
3. Insert the WINDOW DUCT FLANGE into the opening in the adjustable WINDOW PANEL ADAPTER with the grooves facing the WINDOW DUCT FLANGE. If you need to use the adjustable piece of the WINDOW PANEL ADAPTER to accommodate the width of your window opening, be sure to insert the adjustable piece with the holes on the bottom of the panel so the panel can be secured to the proper width.
4. Once the WINDOW DUCT FLANGE and the WINDOW PANEL ADAPTER are in place the holes in both pieces should be aligned. You will need four (4) of the black tabs that are supplied in the bag of fasteners. Insert one black tab into each of the four (4) holes in the WINDOW DUCT FLANGE and push the tab so it goes through the WINDOW PANEL ADAPTER. The flange and panel are now securely attached.
5. Open the window and place the adjustable WINDOW PANEL ADAPTER in the window frame. Lower the window onto the adjustable WINDOW PANEL ADAPTER. Adjust the WINDOW PANEL ADAPTER to fit the window by extending the inner piece of the WINDOW PANEL ADAPTER the width of the window opening. Insert one of the black tabs supplied in the bag of fasteners into the hole in the inner panel closest to the outer panel. This tab will ensure that the WINDOW PANEL ADAPTER remains open to the desired width.

CONTROL PANEL FUNCTIONS



COOLIT 1000 Control Panel.



Power on/off button

Press once to turn on and press again to turn off.



Mode Function button

Three function mode selection: cooling (top), dehumidifying (middle) and fan (bottom). To operate the air conditioner, press the function button and the cooling indicator light (top) will come on. For dehumidifying only, press the function button once again and the dehumidifying indicator light (middle) will come on. For fan only, press the function button a third time and the fan indicator light (bottom) will come on.



Louver button

The louvers direct the air distribution into the room. Press once and the louvers will oscillate in a 70° arc, press once again to stop the louvers from oscillating. You can keep the air discharge in a particular direction by pressing the louver button once the louvers are in the desired position.



Fan Speed Button

When the unit is operating in the cooling or fan mode function this button is used to select the desired fan speed. Red indicates high fan speed and green indicates low fan speed. When the unit is operating in dehumidifying mode the fan only runs on low speed.

CONTROL PANEL FUNCTIONS



Temperature & Timer Button

This button allows you to set the temperature and timer. To operate the temperature function press the button once and the temperature indicator light (bottom) will come on. The temperature is adjusted up or down by pressing the arrow buttons. The temperature range is from 60° to 90°. Press the temperature & timer button once again and the timer indicator light (top) will come on. Adjust the timer by using the arrow buttons to select the number of hours the unit should run before it turns off. This can be set to turn off at any time up to 12 hours.



Tank Full Indicator

If the condensate water tank is full or has not been correctly seated then the indicator will flash and you will hear a beep.